

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claims 1-49 (Previously cancelled).

Please cancel claims 52-56;

50. (Previously Amended) A composition as described in Claim 58, wherein said coenzyme Q10 is present in an amount between about 5% and 15% by weight of said composition.

51. (Previously Amended) A composition as described in Claim 58, wherein the ratio of said glycoprotein matrix to said coenzyme Q10 is between about 1:1 to about 10:1.

52-56. (Presently cancelled).

57. (Previously Amended) A nutritional supplement comprising coenzyme Q10 bound by a glycoprotein matrix according to claim 58.

58. (Previously Added) A composition comprising a glycoprotein matrix bound to coenzyme Q10, wherein the glycoprotein matrix is derived from yeast and bacteria suitable for consumption by mammals, and is bound to the coenzyme Q10 by fermenting the yeast and bacteria in the presence of coenzyme Q10.

Please add new claims 59-63 as follows:

59. (New) A composition comprising a glycoprotein matrix bound to

coenzyme Q10, wherein the glycoprotein matrix is derived from yeast and bacteria suitable for consumption by mammals, and is bound to the coenzyme Q10 by fermenting the yeast and bacteria in the presence of coenzyme Q10, and wherein the composition comprises a bioflavonoid.

60. (New) A composition as described in Claim 59, wherein said bioflavonoid is hesperidin.

61. (New) A composition as described in Claim 59, wherein said yeast include *Saccharomyces cerevisiae*.

62. (New) A composition as described in Claim 59, wherein said bacteria comprises bacteria within genus *Lactobacillus*.

63. (New) A composition as described in Claim 59, wherein said bacteria includes *Lactobacillus acidophilus* or *Bacterium bifidus*, or both.